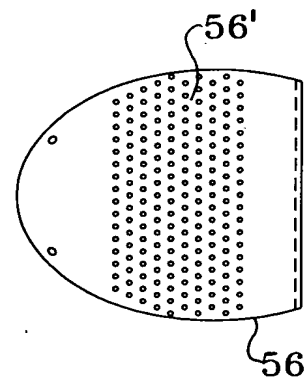
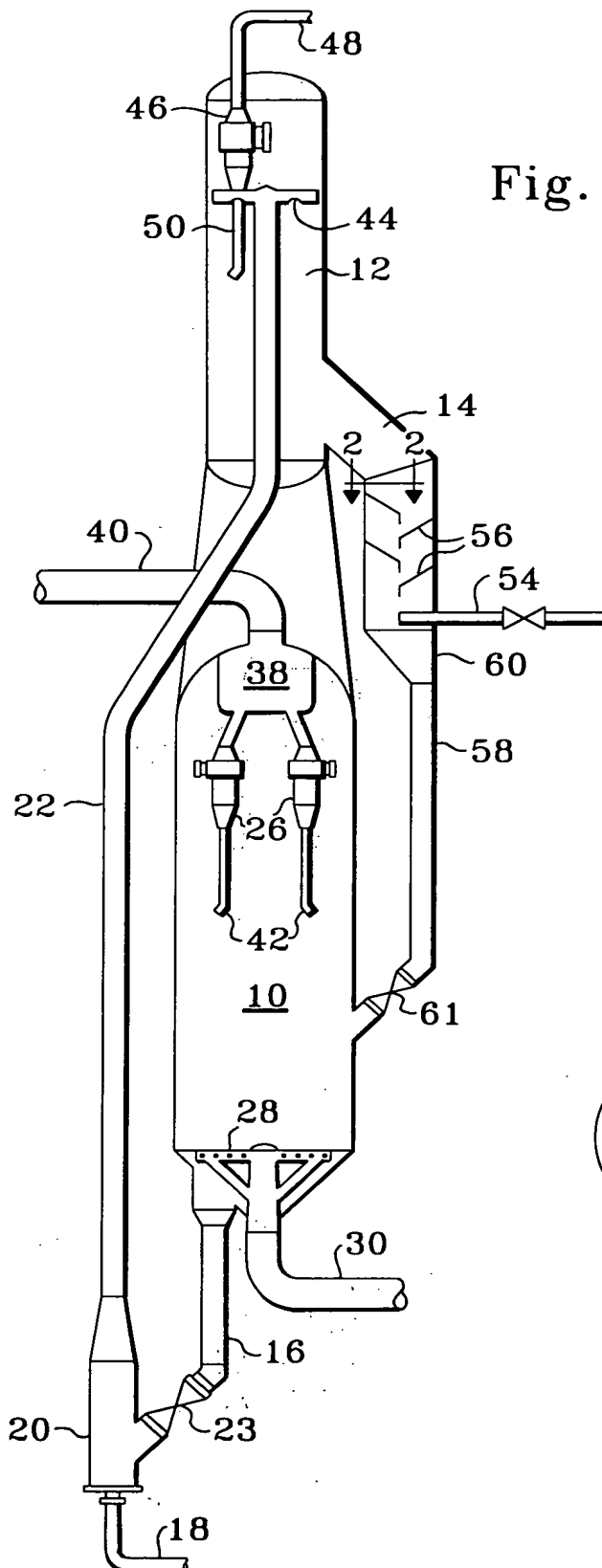


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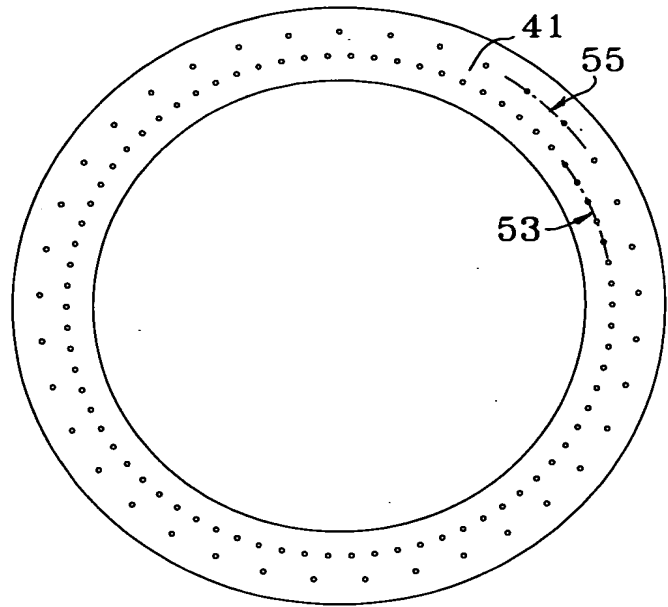


Fig. 4

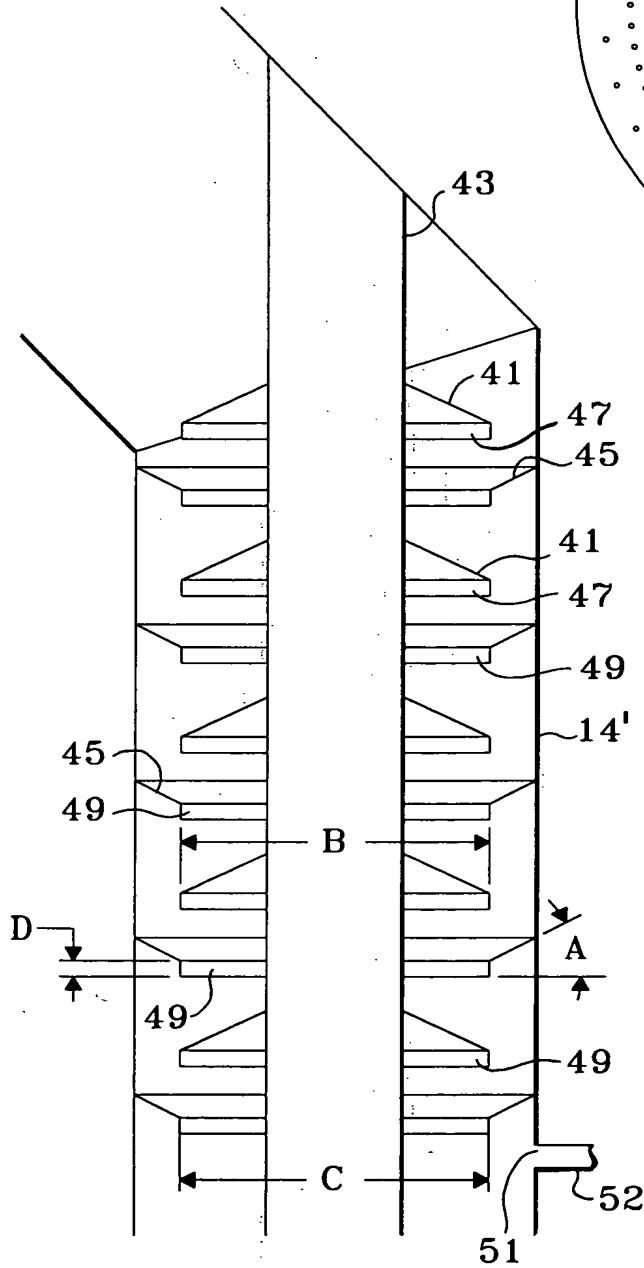


Fig. 3

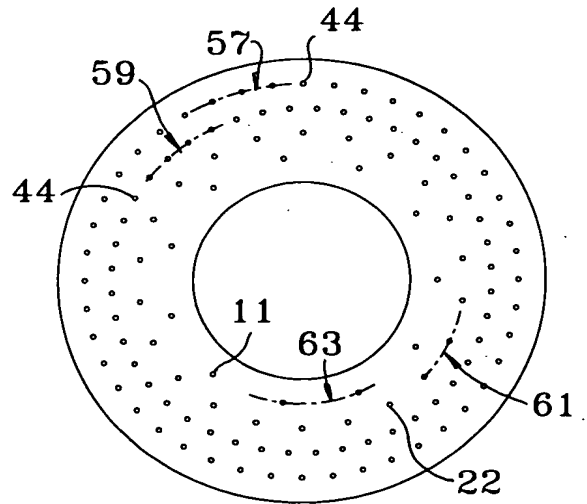


Fig. 5

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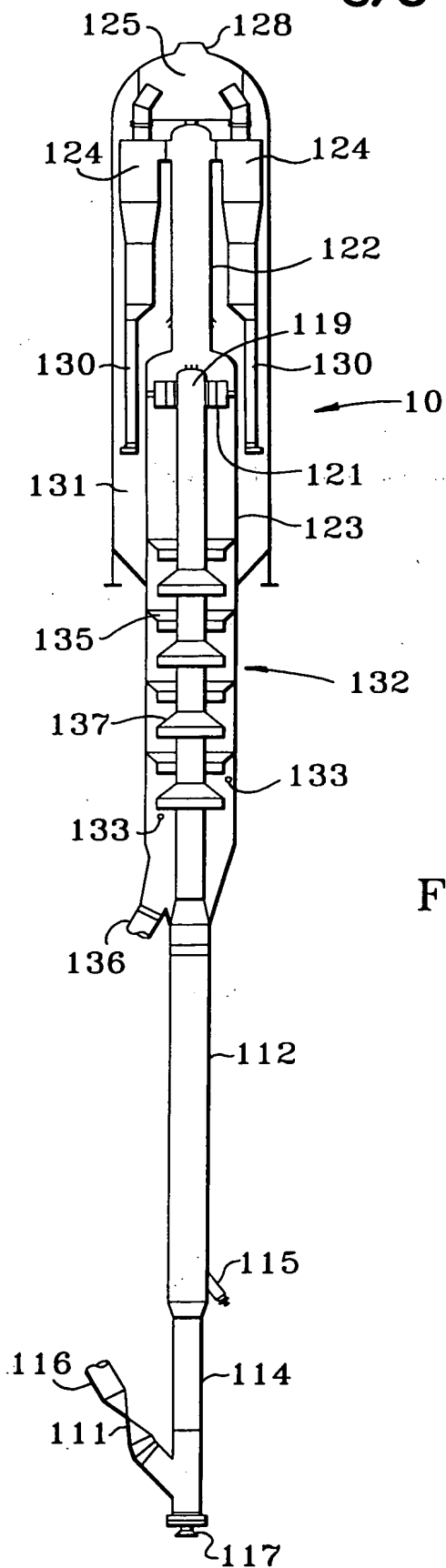


Fig. 6

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Fig. 7

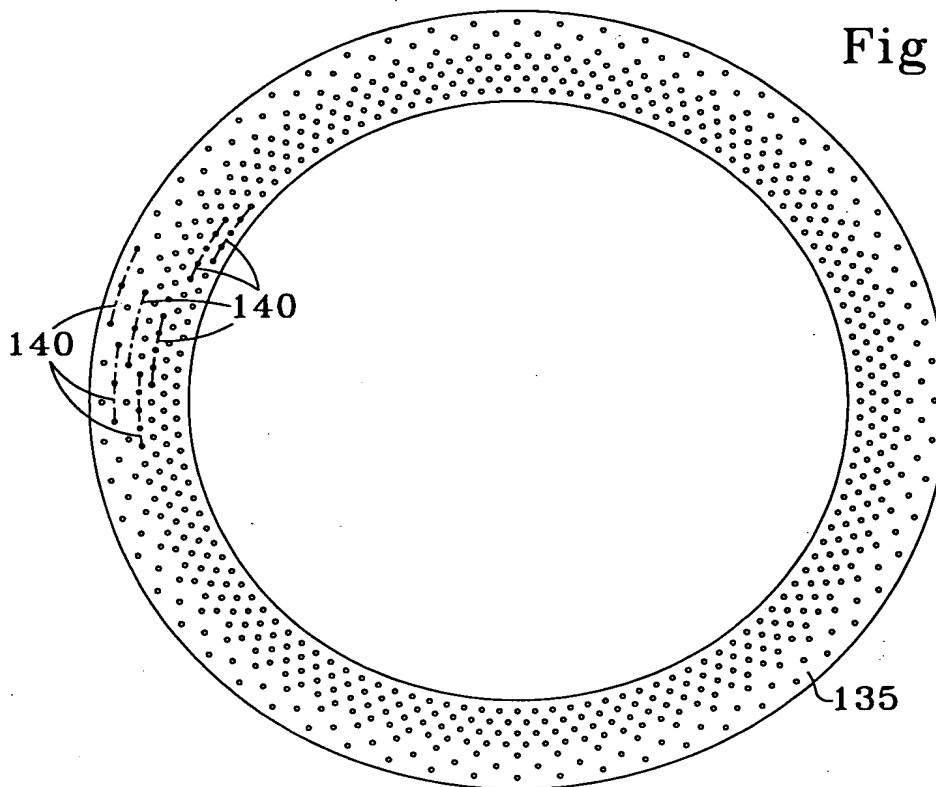
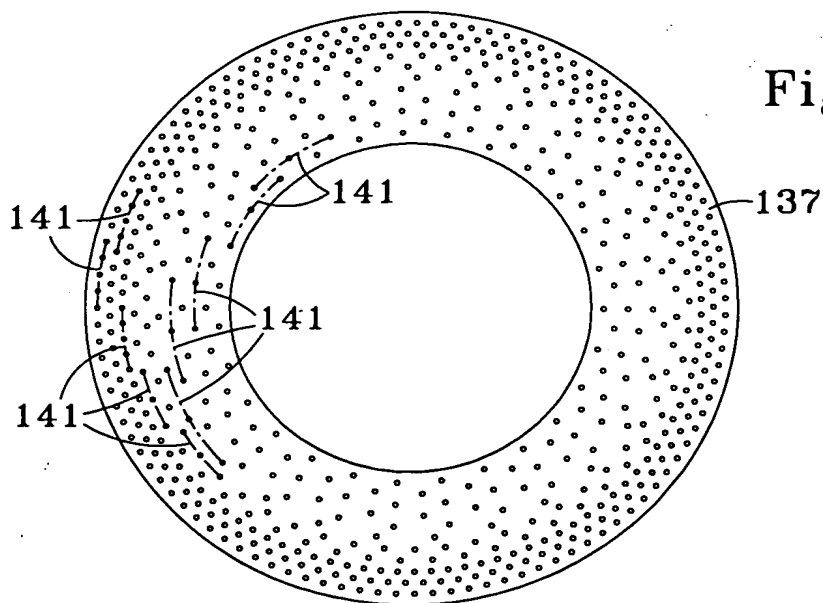


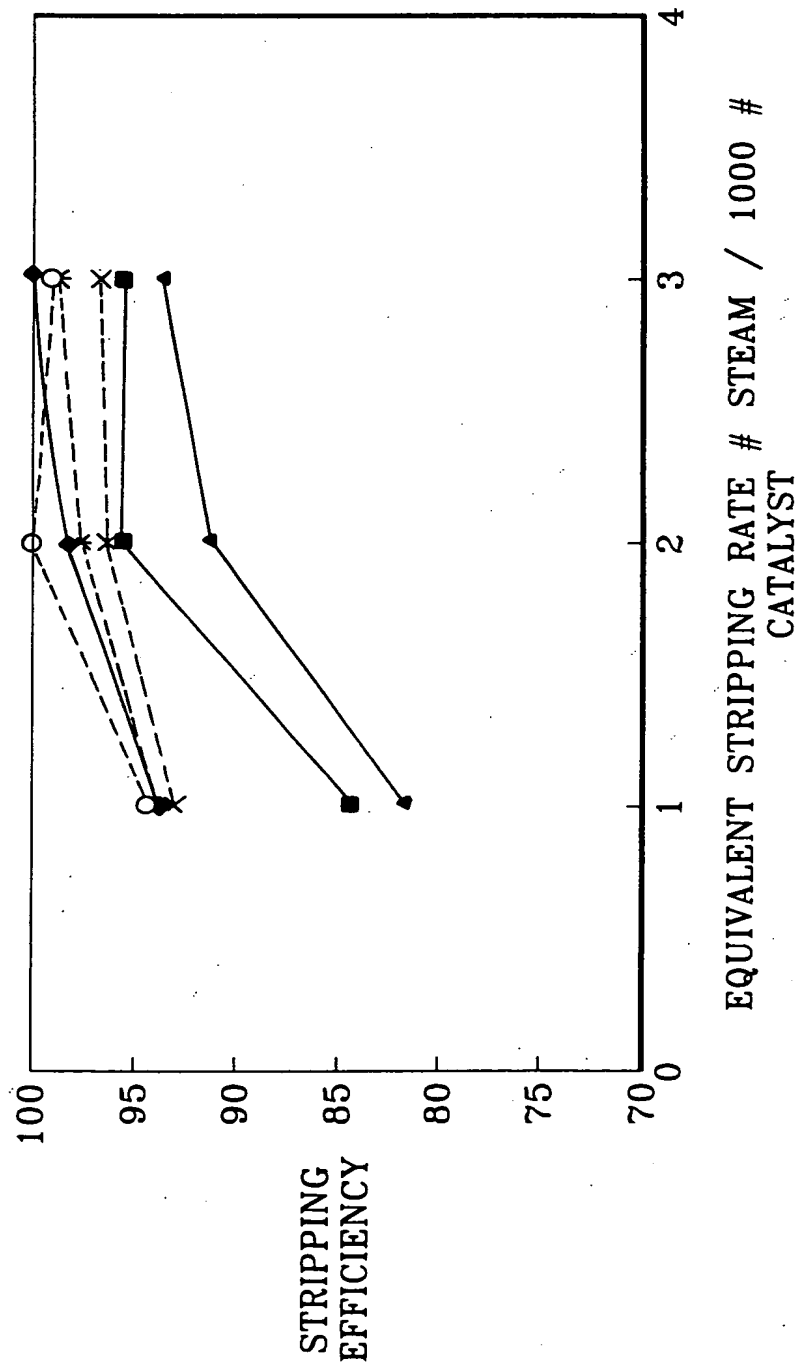
Fig. 8



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Fig. 9

CONVENTIONAL TRAY vs MODIFIED TRAY at
 30, 60 and 90,000 #/hr-ft



—◆— CONVEN. 30
 —■— CONVEN. 60
 —●— CONVEN. 90
 - - - * - - - MODIFIED 30
 - - - * - - - MODIFIED 60
 - - - ○ - - - MODIFIED 90